

CLAIMS

1. A light-illuminating device comprising:
a casing;
5 a transparent light guide accommodated in the casing; and
light sources provided on both ends in the longitudinal direction,
in which light from the light source is introduced into the light guide, the light
is reflected within the light guide and introduced in the longitudinal direction, and is
allowed to be emitted from a light-emitting surface along the longitudinal direction, and
10 wherein the light source is attached to the casing, and the casing is divided into
portions in the longitudinal direction.
2. The line-illuminating device according to claim 1, wherein the divided portions
are slidably engaged with each other.
15
3. A light-illuminating device comprising:
a casing;
a transparent light guide accommodated in the casing; and
light sources provided on both ends in the longitudinal direction,
20 in which light from the light source is introduced into the light guide, the light
is reflected within the light guide and introduced in the longitudinal direction, and is
allowed to be emitted from a light-emitting surface along the longitudinal direction, and
wherein the light source is pressed against the end surface of the light guide
with an elastic member which is formed integrally with the casing.
25
4. A light-illuminating device comprising:
a casing;
a transparent light guide accommodated in the casing; and
light sources provided on both ends in the longitudinal direction,

in which light from the light source is introduced into the light guide, the light is reflected within the light guide and introduced in the longitudinal direction, and is allowed to be emitted from a light-emitting surface along the longitudinal direction, and

wherein at least one of the light sources is attached directly to the end surface
5 of the light guide.

5. An image scanning device comprising:

a frame;

the line-illuminating device according to any one of claims 1-4;

10 a line image sensor; and

a rod lens array for focusing reflected or transmitted light from a document on
the line image sensor,

in which the line-illuminating device, the line image sensor, and the rod lens
array are incorporated in the frame.

15